Turn the Radio On or Off

1. Rotate the **On/Off/Volume** knob clockwise. You will hear the self-test pass tone and see the display icons light momentarily and LED indicator flash green.
2. Rotate the **On/Off/Volume** knob counterclockwise until you hear a click and both the display and the LED indicators turn off.

Adjust the Volume

1. Turn the **On/Off/Volume** knob clockwise to increase the volume, or counterclockwise to decrease the volume.

Select a Radio Channel

1. turn the **Channel Selector** knob clockwise or counterclockwise until you reach the desired channel.

Receive

1. Turn radio on and adjust volume to the desired level.
2. Select desired channel.
3. Listen for voice acitivity. The LED indicator flashes red while your radio is receiving.

Transmit

1. Hold the radio vertically 1 to 2 inches (2.5 to 5 cm) from your mouth. Press the **PTT** button to talk. The LED indicator lights steady red while the call is being sent.
2. Release **PTT** button to listen.

Start or Stop System Scan

1. Press the preprogrammed **Scan** button to start scan. – OR – ▲ *or* ▼ to select a channel that contains a Scan list. From the Scan menu, select SCAN ON. The LED indictor blinks green during scan operation.
2. Press the preprogramed **Scan** button again to stop scan. – OR – from the Scan menu, select SCAN OFF.

Start or Stop Auto Scan

1. Select a channel that has been preprogrammed for Auto Scan by your dealer/programmer.
2. Select a channel that has ***not*** been preprogrammed for Auto Scan by your dealer/programmer.

Delete a Nuisance Channel During Scanning

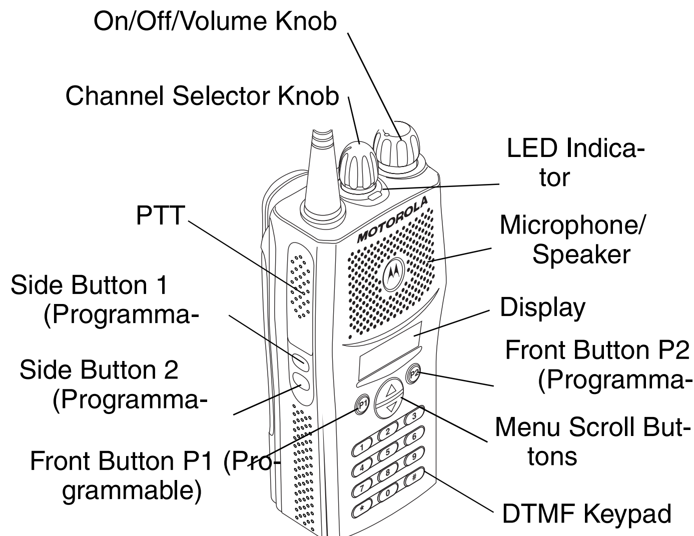
1. While radio is on a nuisance channel, hold down preprogrammed **Nuisance Delete** button until you hear a tone.
2. Release **Nuisance Delete** button.



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EP450™ Quick Reference Card

Record the functions for your radio's programmable buttons in the table provided below.



Button	Function	Short Press	Long Press	Hold Down	Page

Restore Channels to the Scan List

Power off the radio then turn it on. – OR – Press the preprogrammed **Scan** button to stop the scan. The Deleted Nuisance Channels are restored to the scan list. – OR – Select a channel that has **not** been preprogrammed by your dealer/ programmer to stop Scan. Once you return to the original channel, the deleted nuisance channels are restored to the scan list.

Send a Selective Call

1. From the Selective Call menu, select or enter desired radio ID number.
2. Press **PTT** button to send the call.
3. Press and hold the **PTT** button to speak; release to listen.

Receive a Selective Call

1. When a Selective Call is received, the radio displays ♪ and the name or ID of the calling radio; the LED flashes yellow and two tones are heard.
2. Press **PTT** button to acknowledge the call.
3. Press and hold the **PTT** button to speak; release to listen.

LED Indicators

LED State/Color	Indication
Radio Call	
Red	Transmitting
Flashing Red	Receiving
Flashing Red	Channel Busy
Scan	
Flashing Green	Scanning for activity
Call Alert	
Flashing Yellow	Indicates receiving a Call Alert
Yellow	Indicates sending a Call Alert
Selective Call	
Flashing Yellow	Indicates receiving a Selective Call
Yellow	Indicates sending a Selective Call
Sticky Monitor/Open Squelch	
Yellow	While monitoring

Audio Indicators for Programmable Buttons

Programmable Buttons	Positive Indicator Tone	Negative Indicator Tone
Scan	**Start**	**Stop**
Power Level	**High**	**Low**
Squelch	**Tight**	**Normal**
Repeater/Talkaround	**Does not use** repeater	**Uses** repeater
VOX	**Enabled**	**Disabled**
Silent Monitor/Open Squelch	–	**Enabled**
Home Revert Memory Channel (1&2)	–	**Enabled**
Store Memory Channel (1&2)	–	**Stored**
Menu Mode (P2)	–	**Accessed**
Radio Call	–	**Enabled**
Scan List Edit	–	**Enabled**
Speed Dial	–	**Enabled**
Phone Mode	–	**Enabled**
Option Board	**Enabled**	**Disabled**
Escalert	**Enabled**	**Disabled**

You can check battery charge status if your dealer has preprogrammed one of the programmable buttons. Hold down the preprogrammed **Battery Indicator** button. The charge status is shown on the display.

Battery Level	Display
Full	
Good	
Fair	
Low	
Very Low	